



SEQ LST.TXT

SEQUENCE LISTING

<110> Liew, Choong-Chin
<120> Method for the Detection of Scizophrenia Related Gene Transcripts in Blood
<130> 4231/2055P
<140> 10/812,731
<141> 2004-03-30
<150> US 10/802,875
<151> 2004-03-12
<150> US 10/601,518
<151> 2003-06-20
<150> US 10/268,730
<151> 2002-10-09
<150> US 10/085,783
<151> 2002-02-28
<150> US 09/477,148
<151> 2000-01-04
<150> US 60/271,955
<151> 2001-02-28
<150> US 60/305,340
<151> 2001-07-13
<150> US 60/275,017
<151> 2001-03-12
<150> US 60/115,125
<151> 1999-01-06
<160> 112
<170> PatentIn version 3.2
<210> 1
<211> 110
<212> DNA
<213> Human
<400> 1
acacaacgta acaataacat atttagccaa tgtagtagac tgctatataa tacattagag 60
tgtcaattca ttccggttac agccccattg ggtgtcaaat tttttttggt 110
<210> 2
<211> 530
<212> DNA
<213> Human
<220>
<221> misc_feature
<222> (16)..(16)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (40)..(40)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (64)..(66)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (81)..(81)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (86)..(86)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (117)..(117)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

SEQ LST.TXT

```

<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(135)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (143)..(143)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(177)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (179)..(179)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (181)..(181)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (193)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (209)..(210)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (217)..(217)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (221)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (228)..(228)
<223> n is a, c, g, or t

```

<220>
<221> misc_feature
<222> (233)..(233)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (236)..(236)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (243)..(243)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (251)..(254)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (272)..(272)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (274)..(275)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(283)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (299)..(299)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (307)..(307)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (312)..(312)

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (324)..(325)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(329)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (345)..(345)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (366)..(366)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (377)..(377)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (391)..(391)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (395)..(395)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (400)..(400)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (412)..(413)
<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (422)..(422)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (424)..(424)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (426)..(426)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (433)..(433)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (439)..(439)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (442)..(442)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (452)..(452)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (460)..(460)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (463)..(463)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (471)..(471)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (495)..(495)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (500)..(500)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (504)..(504)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (516)..(516)
 <223> n i s a, c, g, or t

<400> 2
 gcctgttcta tacagnttnt aaatntcatt tcagatcntn tntntgtgat aatgaatgct 60
 gttnnntagn natcctatat natgtncgna cacatcctaa agcataggat gaaaaantga 120
 nanccttagg atttngagca cantgccttt acctgaatat atacagcaca gttctgnant 180
 ncctggcgtg tgnnactgga gatctctann aaaangnata nagtgggngg gcnctntggc 240
 gcntgccggt nnnncctaaa ttttcccan gngnnggagg ccngtcacct gnncccatng 300
 cgntctngac cngcctgtna acgnntanng gagccttagt cncctnctaaa aacacaaaat 360
 tagccnggca tgggggntgg gncccttgta ntctnagctn cttgggaggc tnggccagga 420
 antncncttg aanccgggna gngggtggcc tnaagtttgn ggnaaggcca ntgatcaccg 480
 ccccttcccc tccangcccn gggngaaggg atttngnact tccgttttgg 530

<210> 3
 <211> 215
 <212> DNA
 <213> Human

<400> 3
 cggcacgagg atcaatttgc cttggaagaa caaaaggaaa gtctggaaat gcagaaagta 60
 tggatgctga accacataac agcagatggc attgctgtga agtatactgg atggaataca 120
 ttcaagcgtt aatatttaat tctttttgtg gaaggtcaca caattaaaat ttaattgggc 180
 atggaggctt aggacggggt aaaaaagtct ttaga 215

<210> 4
 <211> 129
 <212> DNA
 <213> Human

<400> 4
 gtttcttttt cctaaaacgg ttttatttaa ctcaatgtgt caaagttttt ttttaataat 60
 cccaagaggg atgaagccgt gtccacaggg atatatacat cattatgggt cccatctttc 120
 atacatgaa 129

<210> 5
 <211> 361
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (13)..(14)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (16)..(16)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (20)..(21)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (25)..(28)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (42)..(42)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (52)..(52)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (55)..(55)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (57)..(57)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (59)..(59)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (63)..(63)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (65)..(65)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (68)..(68)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (72)..(72)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (77)..(77)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (91)..(91)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (102)..(102)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (127)..(128)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (169)..(169)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (172)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (192)..(192)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (203)..(203)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (243)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (248)..(249)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (283)..(283)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (288)..(288)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (299)..(299)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (318)..(318)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (327)..(327)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (334)..(334)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (348)..(348)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (359)..(360)
 <223> n is a, c, g, or t

<400> 5
 gggggcctttt tttnnancggn nccgnnnncc cttcctggga anttttgggc cnttntntna 60
 aangnggnct tncnggnaaa tgggtttttt nagggggctg gncaaagggt ttttctntaa 120
 tgggatnngg ccggcatttt aaaaaaaccc gctttggcct ttttgctana tnggaaaaaa 180
 tttttttaaa angcctaaga canggttttc cttcatatg ccaaactttc cctaacattt 240
 ggnnttttng gnggggcagg gggggatttt taaaccggat ttngggtnaa aaaaaatcng 300
 gggggaattt ttgggganaa aaccttnggg gggnccccct ttgaaaanaa aggggtgggn 360
 g 361

<210> 6
 <211> 839
 <212> DNA
 <213> Human

<220>
<221> misc_feature
<222> (475)..(475)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (556)..(556)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (559)..(559)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (585)..(585)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (606)..(606)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (644)..(644)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (671)..(671)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (693)..(693)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (695)..(695)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (714)..(714)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (742)..(742)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (744)..(744)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (756)..(756)

SEQ LST.TXT

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (765)..(765)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (768)..(768)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (808)..(808)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (815)..(815)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (823)..(823)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (830)..(830)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (837)..(837)

<223> n is a, c, g, or t

<400> 6

ctcgtgccga attcggcacg agcaaagtac ctggacttta tggaatcctt ctatacttca 60

ttgtcaatca tttattgggtt ctaaaaagga tcggacaatg tgctatttca gggaagccaa 120

tgttttggag taaaatgcac aaataatttc tcttgccttg caaacacatt ttttttctg 180

tcattgcaat gtgcacaaag ggccacgagg atctacaaga aagcctgcct tattctgacc 240

aggagtgggg agctgacaag aggcttcaca gagcagggtga tgtttagaga ggaatgtctc 300

ccatttccta gtagcctgtg aggctctcaa aaccgggaat caagtttccc ttctgaactc 360

agttctcaat cgtgtaggga taggggttccc aggtgtgcct ctatgtgtag aggctctatt 420

ataccctgga tacacattga tatgcatgtg caatgctgga atcaccagcc cccangtcct 480

cctcccaaat gtgcatgttt tttgacccat gtcacattta attttttttt tcaattgacg 540

ggttttttagg gcaaanntnc caaaacatcc cccactttgc catantcccc tgtcattcca 600

tattgncttg cactgacatg attcactcat tgatattgcc tgtngcgttc ctatggcctt 660

tgagtttgca nactggggttt ggggggaaacc cangnaaaaa aacctctttg aaanggggaa 720

ccccccaat ggtgggggaa ananaactgg actttntttg ggagncnga atttgctctt 780

SEQ LST.TXT

gaccaggcag ggacctggga ccctgaangc tttntaatc ttnggggcn gaaaatntg 839

<210> 7
<211> 118
<212> DNA
<213> Human

<400> 7
atgggaaagt gtgtaagatt tagaaaaagc attaactatt agtaaacttt atcttaagct 60
ctaacctttg attaggtccc acaaaaatta ggtgatatgc aatttctaata ttagggcc 118

<210> 8
<211> 197
<212> DNA
<213> Human

<400> 8
gttgagtgga gccgagatca taccactgca ctccagccta ggcaacagag cgagactcgg 60
tcaaaagaaa aaaaaaaagg ggagctgggc gtgggtacta atgccgtaata cccaggcctt 120
tgggaatccc aggcaagggtg gcctttagggt caaggagttc ggaacctccc tgctaacagg 180
taaaccctt ttccctt 197

<210> 9
<211> 250
<212> DNA
<213> Human

<400> 9
gagaccaagg ccgccccgct ctggtctcag accagttgtg ctgctcttg tctggctcag 60
ctggtgtggg gcgcaggcgg gaaacgagac ctctagcatc tggctgaagg ctctgccaag 120
ctcctcttca gggctgcagt ctgcctgcct gcatataaccg acttggccag acactgctgc 180
taaattccag ggactctttc tcccctctc tgctctccag ccaatccttg aggatttaata 240
aactggaagg 250

<210> 10
<211> 680
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (433)..(433)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (600)..(600)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (615)..(615)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (626)..(626)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (645)..(645)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (661)..(661)
 <223> n is a, c, g, or t

<400> 10
 caccaaagaa gcaagagggc tttcttttgt ttctggggac aataactaac tttaatttgc 60
 tcttcaagaa gaaggaagct gggatatatag gggaatggca gaagtgctcg cagatgaacc 120
 atgaggagca tggctctttaa gaacatgctg agaaggaagc aacacagact ccatcactgg 180
 gggaagcacc tgaatagagc actggtaaag gccagtctgt ggacctgagg ccagaggaga 240
 tgccaggggt ccagatttca tggcccacag aaacggaact gatcatattt ggttgctggc 300
 cagtgttcca tagaccaaga aggctggtag caagtataga ttcctctaca tagcttgaca 360
 ggagaagaga aaggggaatg tagcacacag gatgcagcag gtgaataaga aaacctcctt 420
 ttcccagggt ggngacagtg agtgatctac agtgatactc aaaagattgt gattggtgtg 480
 ggaattcctg tctcaatatg caatctgcc aaaaaacact gtgatgggtt cctgtaaaagt 540
 aacctcttt tcttatctct aatttcacaa gactcttaaa tgagaggggg gggagaaagn 600
 gttctttctc actcncctaa aactgnggggt ctgcctggag aaaanctaca tctgcacaga 660
 naatgctggt tagccaggaa 680

<210> 11
 <211> 318
 <212> DNA
 <213> Human

<400> 11
 cctgcagagt actccatgga aacaattgcc gagcacgtgc tcgcaatttg ccgagcacgg 60
 tccggtttga actcctagac taagactagg taggtgatac ataccttctt cccaccaagt 120
 actcacgac caaactatga attttagatt cggatcaaac gaggattgat ccgagggacc 180
 aacgttgtga taaatcttac gtcgtcttat atattaagtt tttgtggagg atcggataag 240
 tctatagtgt ttgtcacaga tagtcccgt aacacccca gaccatagga gtcgctctcc 300
 ggaccgcggt ctaatggg 318

SEQ LST.TXT

<210> 12
 <211> 155
 <212> DNA
 <213> Human

<400> 12
 tctcacattg gacataactca aaattcactt ataatcttca caccaccaaa aacttaccca 60
 tatcaaatta taaaccaccac cacattactt aaaatttttt acatttccca ataaaaaacc 120
 caaataaaca aaaacttcca atctccattt aaaat 155

<210> 13
 <211> 125
 <212> DNA
 <213> Human

<400> 13
 aataaacaaa catgccctct aatatatgaa ttcacacac aacacgcaca ctgtccccac 60
 aaacaccttt ttggtgtcaa gaagaaaaag actagcttca ctgaacagag aaatgctgga 120
 cagtg 125

<210> 14
 <211> 168
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (37)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (56)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (94)..(94)
 <223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (127)..(127)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(155)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (157)..(157)
 <223> n is a, c, g, or t

<400> 14
 ggcccntggg ggggnagggc cttttcgggg ccggggnnng gcccccnttt ggcccnnggg 60
 gggtttcccg ggaacccaa ccctttaagg ggtngggggg aatttcccc caaaaaaagg 120
 gaaaaanttt tccggggggc ccaccggga agggntnccg gggaaggg 168

<210> 15
 <211> 438
 <212> DNA
 <213> Human

<400> 15
 aaaaaacttc tttatagtcc ttatatat ttaattgttt atgttagggg aagctataga 60
 ggaacaaatt tgggatagaa atataaggct gggattacag gcatgagcca ccaagcccgg 120
 cccacatttc catttttaaat atatactgtg ctttaciaaat attataatat gttttaaaat 180
 atgttcacag aagcacctgg tctgtgaatg gcatgccagc attaaaaaaaa ataagcattc 240
 tttgaatata tatttagttt tttaatgtgg taggaaaatc aaagccagag ggagtagaaa 300
 caaaatttgt gattttctaa atacttcttg gctgcaggga agaaaccacg tcccaggcga 360
 agtcctacct aatttgatga taaaattaca tggaagggat tcttgttggc atgaggacct 420
 accaagatgg tcaacaga 438

<210> 16
 <211> 235
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (39)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(52)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (69)..(69)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (154)..(154)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (207)..(207)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (217)..(217)
 <223> n is a, c, g, or t

<400> 16	
aaggncctttt ccggnccggc ccggccccc ttggcccang ggggttnccg gnaaaccacc	60
ctttaaggnt tgggggaatt ccccaaaaa aggaaaaaat tttcccgggg gcccaaccgg	120
aaagggggaa ggcccccaaa accggggggg gggnaaaaag gtgggtttcc ccctttttcc	180
aattcccaaa accaattttcc aaaaggnaaa ccaacnttc ccaaaatggg aaagg	235

<210> 17
 <211> 294
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (27)..(27)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

SEQ LST.TXT

<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (66)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(82)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (108)..(108)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (133)..(133)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (162)..(162)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (210)..(210)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (260)..(260)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (276)..(276)
<223> n is a, c, g, or t

<400> 17
aaaccaaccc tttaaggntt ggggggnaat tccccccaaa aaaaggnaaa aattttttcc 60
gggggnccaa accggnaaag gntttgggaa aaccaaattt tttttggncc caaccccccc 120
caaattgggg ggnaaaccaa atttaagggg ggaagggggg gncccccccg ggaaaggccc 180
aaggggggaa aattttttccg ggggtgggtn gggggaacca atttaagggg ggggcccccg 240
gggggggtcc ccttgggcn tttttccttt tgggthaaaa aaaaaaaccc ctg 294

<210> 18
<211> 453
<212> DNA

SEQ LST.TXT

<213> Human

<400> 18

gtagaatata gggtgatact ggagatctac tgcgacctag accatgatac ataaccacac	60
aagtttaatc cctgggttct aactaccctt actgtcactt agcttaacct gcctccaatc	120
ctgtacttga actctaaaac tgttggagaa actcagtgtc taccccaaca gattcatttc	180
aaatagctgt aaaagggtatg tttactccag aagaccagag ttgcttcttt tgaacttctc	240
attccttggg cctaggaacc ctcatcacc tcatccaac gtcaaccag atcttctctt	300
ccataaacag cactccctca ggcccctgcc tgacacaggc atagactgtc atgttggatt	360
cacagacagg ctgtgctaga ggaaacctct ggggctcacc aggggccgtg ggatgggctt	420
ctggggcttc ttggagcca acttcttcat ggc	453

<210> 19

<211> 242

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (17)..(17)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (40)..(40)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (59)..(59)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (76)..(76)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (107)..(107)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (165)..(165)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (189)..(189)

<223> n is a, c, g, or t

<220>

<221> misc_feature

SEQ LST.TXT

<222> (216)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (221)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (230)..(230)
<223> n is a, c, g, or t

<400> 19
gagtcagact gtaaggnacg aaccctcggg gtccccacgn tgttcccccc ggggtaacnt 60
cggcccgggc ccgggnagcc cttcccgggc ttttcccccg ggggggnccc gggggggacc 120
tttaggcggc accccaacaa caccaggccc tactttttcc aaggncgggg aagcccatgg 180
gttctgggna acgggcaatg cgggcttgca acgggnngaa naaaaacagn cccaaaagaa 240
tg 242

<210> 20
<211> 181
<212> DNA
<213> Human

<400> 20
gtttgtttgt ttttgagatg aatctcactc tgtcgcccag gctggaatgc agtggtgtga 60
tctcagctca ctgcaacctc cacctctcag gagaattgct gaacctggga ggcggagggt 120
gcagggagct gagattgcgc cactgccctc catcctgggc gacagagcaa gaacctgtct 180
c 181

<210> 21
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (17)..(17)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (23)..(23)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (28)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (36)..(36)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (41)..(41)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (44)..(44)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (53)..(53)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (59)..(59)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (62)..(62)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (67)..(67)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (70)..(71)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (97)..(97)
 <223> n is a, c, g, or t

<400> 21
 gcacaaggaa ggggtggncag atnttccngc actggnaaaa ngcngctatg gtngtgaant 60
 tnccccnccn nttnanacna aanntngcac tcttggtgc 100

<210> 22
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (37)..(37)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(53)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (56)..(56)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (85)..(85)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (96)..(96)
 <223> n is a, c, g, or t

<400> 22

SEQ LST.TXT

cntgcgccat ttactgnagg tggacaagga tactatnaac aaagatgtgg cnnaangaga 60
ataatggaag atagctntga ggatnaacnc tggtnnaggg 100

<210> 23
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (17)..(17)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (19)..(19)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(29)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (37)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (65)..(65)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, c, g, or t

<400> 23
acaccttccc acttgcnnga aaggggnnng gccccnnct tgggcnganc attaagcctt 60
tttgnggctg cngccctgt gcctgggtgcc acaacaaatg 100

<210> 24
<211> 227
<212> DNA
<213> Human

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (109)..(109)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (157)..(157)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (177)..(177)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (199)..(199)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (207)..(207)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (211)..(211)
 <223> n is a, c, g, or t

<400> 24	
ccggnacacca ccnttaaggt tgggggattt ccccaaaaaa ggaaaatttt cggcggccaa	60
cggggaaggcc nttggggaaa aaaccaangg ncaaaccccc ccaaccacnc ggcccccccc	120
aaggggggtg ggggaagagcc aaatttcttt gggaaanaac gcccccttgg ggaaaanaag	180
gcccaaccacc tttcaacanc cccaangcg nggaagccat ttcttgg	227

SEQ LST.TXT

<210> 25
 <211> 306
 <212> DNA
 <213> Human

<400> 25
 tccaaaagta gagcagaggg atattttgtt ctactgagcc acgaaaaaca cctgaattgt 60
 ttcgaccatg tgccttccca ggttgatgaa gacattgcta cacagtctgc agatcaggaa 120
 ggaagaattg tatgtgggag tttttaatgg tctcatttca ttggctataa ctcagttaca 180
 aggagaaata taactgcaga ggagctttga aaatttagtt cagctgaggg taaaggaaga 240
 agagacaaat tttgtcatca gctagtgatc tgccatacaa ggtgttccct taatatgtgt 300
 agaatg 306

<210> 26
 <211> 492
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (299)..(299)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (333)..(333)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (353)..(353)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (410)..(411)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (460)..(460)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (474)..(474)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (479)..(479)
 <223> n is a, c, g, or t

<400> 26

SEQ LST.TXT

```

cggcttcggg ccaagcggtt ccagagtttg ccgaactgct gagcaagttc gctattctcc    60
agatcgccta gccctttgcg ggcgaccacc acgatgtccc agcctgtcag gttgtcctga    120
ttgaggcgaa aggactcgcg gatttgacgc ttgatgcggt tgcgctcgac ggcgagcttg    180
acgctctttt tgccgatcac caaacctagg cggggatgat caagctgggt atcgcgcgct    240
agcagcagga cacttttgcc cgggagcttt accgcttggg gagtcgaaga ctgccttgna    300
ttgccgggga gtcagcagtc gctttttccc ggncgaagcc tcgaactcac cancctgtct    360
ggattaatta gacagcaaga cgcttgcggc ccctttggcg cgaacgaacn ncgaaaagga    420
cttgcgcggc ccgtttcttt ggggggccaa taccggggcn cggggaaaac ccnggggng    480
gccaaacccc cc                                                            492

```

```

<210> 27
<211> 500
<212> DNA
<213> Human

```

```

<220>
<221> misc_feature
<222> (348)..(348)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (422)..(422)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (435)..(435)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (476)..(476)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (490)..(490)
<223> n is a, c, g, or t

```

```

<400> 27
cgaagcgatg gaagcgcaag cttggtaggg gagcattccc acggcagaga aggtcgggcg    60
acgagccggg ctggagcggg gggaaaagca aatgtaggca taagtaacga caatgcgggc    120
gagaaccccc cacaccgaaa ggctaaggat tcctccgcta tgtcaatcaa cggaggggta    180
gtcgggtact aaggcgtag cgaaggcgaa ggcgccgatgt gaaggggggtt aatattcctc    240
cacttgccat gcgtgtgaat ccatgacgga gacgaagccg ggggtgcgtc ctgacggaag    300
tgggcgccag caggggcggc cttcggggcca aaccgaacct caggtcanac ttccaagaaa    360

```

SEQ LST.TXT

agtgggtgaa acgccagcgc atggcaaccc gtaccgcaaa ccgacacagg tagccggggg 420
 anaacatcct aaggngctcg agagtacttt ctagagcggc cgcgggcccc atcgantttt 480
 ccacccgggn ggggtaccag 500

<210> 28
 <211> 231
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (138)..(138)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (174)..(174)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (176)..(176)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (211)..(211)
 <223> n is a, c, g, or t

<400> 28
 aagaaattcc gggcacgnag gcacgcccct ggtaattccc caggcgnact tctggggang 60
 gctggaaggc ttgnagggca gaaaagggat ccgccttttg gaggaacca ggtaaggttt 120
 aagaaggaac ccaccctngg ggccaaacaa aaacttaaaa acccccccat ttcntncccc 180
 ccaaaaaaaaa aattttttaaa aaaaattttt ngcccccggg ggcattgggg g 231

SEQ LST.TXT

<210> 29
 <211> 109
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (34)..(34)
 <223> n is a, c, g, or t

<400> 29
 nncgaacaat angctctggag ctcgtgcgnc ctgnaggtgc gacactagtg gatccaaaga 60
 attcggcacg agggattaca gtcgtgagcc actgcacctg gctgcaatt 109

<210> 30
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (3)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (27)..(27)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (32)..(33)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (40)..(40)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (49)..(50)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (69)..(69)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (87)..(87)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<400> 30
 tcnnntntgt gntntggctn tccgagnggc anngagtgan tgcccgttnn tattgancac 60

cantcantng ttgccntntg atacccnana caaaattgaa

100

<210> 31
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (12)..(12)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (26)..(26)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (55)..(55)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (63)..(63)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (69)..(70)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (73)..(73)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (92)..(92)
<223> n is a, c, g, or t

SEQ LST.TXT

```

<220>
<221> misc_feature
<222> (96)..(96)
<223> n is a, c, g, or t

<400> 31
tcggg'gcggg anccctttac ctgtcnttac gatgcgcaag tagatnccng atttngtccn      60
ganggtcggnn aanttaggnt tccagcctgc gncacngcca                               100

```

```

<210> 32
<211> 104
<212> DNA
<213> Human

```

```

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (27)..(27)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (34)..(34)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (57)..(57)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (63)..(64)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (67)..(67)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (73)..(73)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (75)..(78)
<223> n is a, c, g, or t

```

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (90)..(90)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (96)..(98)
 <223> n is a, c, g, or t

<400> 32
 cntgctntta cgatgcgcaa ggtagnccg tgantttagt ccgtgatgtg tcgaaanatt 60
 agnnttncag ccngnnnnan tgccattttn gctctnnnga gaaa 104

<210> 33
 <211> 102
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (28)..(28)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (68)..(68)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(82)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (92)..(92)
<223> n is a, c, g, or t

<400> 33
tgggntggcc cngcttaact tttgccncg anctcgngt tcgnacaggg gcgaagnaanaa 60
ccgccaantt ttttcnaacc cnacttgttt tnggttttag tt 102

<210> 34
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (21)..(21)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQ LST.TXT

<222> (53)..(53)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (73)..(73)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(83)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (85)..(85)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (97)..(97)
<223> n is a, c, g, or t

<400> 34
agnacgcctt tacagcttta ngatgcnnga gagagtancg gatttgncn tgntggtgga 60
naaattaggg ttncagcntg tgnantgccca ttttcgntaa 100

<210> 35
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (21)..(22)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (28)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (65)..(65)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (67)..(68)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (70)..(70)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (77)..(77)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (83)..(83)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (92)..(92)

<223> n is a, c, g, or t

<400> 35

cacgatagca tcagacggcg nncttgngc cnttttgccc gctggtcaca ggacaacgca 60

tttcncnntn tgggtgncgg ctntcacgca tnggcgcgag 100

<210> 36

<211> 153

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (4)..(4)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (8)..(8)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (29)..(29)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (43)..(44)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (46)..(46)

<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (115)..(115)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (117)..(118)
 <223> n is a, c, g, or t

<400> 36	
tgnggccntt ttgccgctg gtcacaggna aacgcatttc acnntntggt gttcggntnt	60
cacgcacggc agcgagtga atgnccgatt cattcttnaa cgacgcacac acccngnngc	120
cctgtgaaac ccataaacag tgggaaatgg tgc	153

<210> 37
 <211> 151
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (53)..(53)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (61)..(61)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (65)..(66)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (72)..(72)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (74)..(75)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (89)..(89)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (94)..(94)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (100)..(100)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (107)..(107)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (126)..(126)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (141)..(141)

<223> n is a, c, g, or t

<400> 37

gcgcgcntgn aggccccgac actagtggat ccaaagtatt ttggcacgag ctgagttcga 60

ngatnnagac cncnnatcac ctaatacanc catnactcan atgactnttt gtgcgccttt 120

tatcanatgc atagcctatc naaaacatca c 151

<210> 38

<211> 100

<212> DNA

<213> Human

<220>

<221> misc_feature

SEQ LST.TXT

<222> (2)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (63)..(63)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<400> 38
gngcgcttgn aggccgacac taggggatcc aaagaattcg gcacgagctc gtgccgaatt 60
ngncacgagt tnggctgcnt ctttatacaa cttttcttca 100

<210> 39
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (7)..(8)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (15)..(16)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(20)

SEQ LST.TXT

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (24)..(24)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (71)..(71)

<223> n is a, c, g, or t

<400> 39

aaagnngnntn ctgggnnttan gcanttaacc caggcactgg ggcgctgaac agctactcag 60

ctgcttaagt ngctccactg gtccagacca gcgacccagc 100

<210> 40

<211> 102

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (80)..(80)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (91)..(91)

<223> n is a, c, g, or t

<400> 40

ttcccccagg atctttctta tatctatcag atctaggatga aaggattact gtcttgtagg 60

tgtcctgaag gacaagccgn ttcgtttgaa nctgtgaaat ac 102

<210> 41

<211> 325

<212> DNA

<213> Human

<400> 41

ttcggcacga ggagaagaga ggagccgtca gaacatatgg gggatgtgtt caagaagcag 60

atgtgtggtc ggaagctttg caaagagggg acctgggtct gagtgacatg cgtggccact 120

ggtgctcctg cgtttggtact gtgcaggcct ctctatgct gatgcgtctc cccactcctg 180

agctaatttc tgctctgctc cttctgtgac atgtggcagc gtgggaaata gccactgtcc 240

cctgtccctg ctgttcctgg tgtcaccag caccaggcca ctctgggagc cagggcagat 300

ggtcctccct gtggtcctgg cctct 325

<210> 42

<211> 103

<212> DNA

<213> Human

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (14)..(14)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (73)..(73)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (93)..(93)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<400> 42
 gtggcccaag ggggactgaa gggggccctcc ntaagngggag ggggttgggga gtaaggcctg 60
 ggnaggaccc tgntgactcg gggggcgggga gcngggancc agg 103

<210> 43
 <211> 221
 <212> DNA
 <213> Human

<400> 43
 catattttga aatacttttc tcccaaactg ggtttattag cgtgtaccct gcttttccac 60
 tttaaaaatt tatgccatat gtccagcttc cagtcagtgc ttctgggttag catgaggata 120
 actagatttt actgtagatg gtagataaaa gtccagtga aagcaaagat gtgtaatgtt 180
 ttggtagcct cagtgtctctt atcccaagta aaagcaaagt t 221

<210> 44
 <211> 100
 <212> DNA
 <213> Human

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (34)..(34)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(39)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (41)..(41)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(62)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (67)..(68)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(80)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (85)..(85)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQ LST.TXT

<222> (89)..(89)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (93)..(93)
<223> n is a, c, g, or t

<400> 44
anagatatca ntgatttatt gctgggnncc tgtntganng ntctaaggnn tgaagattat 60
nncattnngc aagcgnacnn gcgcngccna gcngaccagg 100

<210> 45
<211> 106
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (8)..(8)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (24)..(24)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (33)..(34)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(48)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (58)..(58)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (63)..(63)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (68)..(68)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (71)..(71)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (73)..(73)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (77)..(77)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (88)..(88)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (95)..(96)

<223> n is a, c, g, or t

<400> 45

atatttcngg agcttgacgc ggcnacacta ggnnactaaa agaattnnag aaagaggnc 60

atnggacnag nanacangaa acctgcanac ttggngcctt ggaagt 106

<210> 46

<211> 100

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (74)..(74)

<223> n is a, c, g, or t

<400> 46

gatgtggaga tgcttgatag gttactgggc ggcaatccag gagttgatga agcgcatatg 60

cgaacatttc acngncatat tgcggtgcaa gggcttactg 100

<210> 47

<211> 101

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (7)..(8)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (17)..(17)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (23)..(23)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (33)..(33)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(48)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (52)..(52)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (55)..(55)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (62)..(62)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (66)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (70)..(71)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (84)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(87)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (96)..(96)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (99)..(100)
 <223> n is a, c, g, or t

<400> 47
 ccccccnncc cttcttntcc ccnaaagaat aanataagaa tngctannga gnaancgacn 60
 anggtnttan nagntatatg tatntnncaa accaantann a 101

<210> 48
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (33)..(33)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (35)..(36)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (48)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (55)..(55)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (69)..(69)
 <223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (81)..(81)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (87)..(87)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (91)..(91)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (94)..(94)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (97)..(97)
<223> n is a, c, g, or t

<400> 48
aaggnnaggc tcgttggggg aaaaaacccg ccntnncggg cncncgnaa acccncacna 60
ggggaccna aaaaccggaa naaacnccc nagnaanca 100

<210> 49
<211> 473
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (164)..(164)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (178)..(178)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (201)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQ LST.TXT

<222> (211)..(211)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (274)..(274)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (340)..(340)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (346)..(346)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (386)..(387)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (405)..(405)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (433)..(433)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (446)..(446)
<223> n is a, c, g, or t

<400> 49
atgagtatga aatgaaaggn tgagatgaaa tgatgatntg agatgagatg aaatgagatg 60
aaaccgagat gaaatgatga aatgatgaga tgagaccgag acgaaatgat gagatgaaat 120
gagatgagat aaaatgagat gaaatgaagt gaaatgaaat gaantcctga aattgacntg 180
agatgaactg agataaaatg ntgagatgaa ntgatgagaa gaaatgagat gaaatgagat 240
gagatgatga gatgaaaaat gctgagatga aacntgatga gatgaaatga tgagatgaat 300
tgaantgaaa tgaaataatg aaataatgac ctgagatgan atgaantgat gaactgatga 360
actaatgaaa tgaaaatgaa atgganntga tgagatgaga agaantgctg agatgagata 420
aaatgagatg aantgatgag atgaantgaa atgctgagat gagatgagat gaa 473

<210> 50
<211> 453

<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (5)..(6)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (18)..(18)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (22)..(22)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (39)..(39)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (45)..(45)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (48)..(48)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (54)..(54)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (65)..(65)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (70)..(70)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (80)..(80)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(83)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (94)..(94)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (96)..(96)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (98)..(98)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (102)..(102)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (104)..(104)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (113)..(113)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(115)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (125)..(125)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (128)..(128)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (142)..(142)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (144)..(144)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(160)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (174)..(175)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (180)..(181)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (186)..(186)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (192)..(192)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (198)..(198)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (223)..(224)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (233)..(234)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (238)..(238)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (243)..(243)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (253)..(253)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (257)..(257)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (268)..(268)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (291)..(291)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (296)..(296)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (300)..(300)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (308)..(308)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (322)..(322)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (326)..(326)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(328)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(335)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (338)..(339)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (347)..(347)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (352)..(352)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (358)..(358)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (361)..(361)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (367)..(367)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (382)..(382)
<223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (389)..(389)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (395)..(395)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (410)..(410)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (413)..(414)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (418)..(418)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (425)..(425)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (436)..(436)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (443)..(443)
<223> n is a, c, g, or t

<400> 50	
ttcnnagct gtnacganac antcttgaat tgaaattgna cacancnngt gtgnagccct	60
gatanggccn gnaagcaatn tanaggatan ccgnangnta tngnaacaca ttncncnagc	120
ntntncanca gctgatgcag gncncctatg atgcgattan ggactacgac tatnnctcan	180
ngtctnaaca gncgcgangg ctgantacta aaagnacaca aanntgtgca ccnncatnac	240
tcncgttgac tgnacantgt agacctgnaa tacctggctn aaaggggtct nactgncatn	300
agagntgnag ntgcccctnc antagnngga gctnnaanng gcctgtnttt gntttacntc	360
ntcgganagg cgatgccatt anagaccna gaacncattg gtgatatacn ctnnaccngg	420
agggnttaca ttgggnaatg atnattatgg ggg	453

<210> 51
<211> 542
<212> DNA
<213> Human

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (87)..(87)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (119)..(119)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (203)..(203)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(215)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (274)..(274)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (296)..(296)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (309)..(309)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (353)..(353)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (425)..(427)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (431)..(431)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (451)..(451)

SEQ LST.TXT

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (470)..(470)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (472)..(472)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (478)..(478)

<223> n is a, c, g, or t

<400> 51

caactgtgag caaggaatnc cattaaatgc cattgtatat tcattgatca gtgaaatcnc 60

atctgggtca cagtggcatc tatgttnaca gtataaatcc ctgtggctat gaatgaaang 120

cttgtttaga ctgcatctg cacatagaag tagggatttc atgctgttat cagcctaatt 180

ttagcctata gaatttcaag ttngctagag gttngctct ccatgggtata agtttagcaa 240

gaaaagtcatt ttgtctgctg ctctagcagg ttanaatgtg gaagtatagt gtgcanagtt 300

ttaatccgna tatgttatta aaacatatat atcattttat atcatatc tagnaataaat 360

attcaaaaatt aaatagtgat ttgggattga ttacatctta ttactagctg taataaatga 420

cctcnnngat ngtttaaaat tgttttcctc ncatataata aaaatacctn angcatanat 480

cgattgtcca aaaattgaat atatatacac acctcttcca ttagaactaa atatgtggaa 540

tg 542

<210> 52

<211> 733

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (13)..(14)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (17)..(17)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (20)..(20)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (22)..(22)

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (27)..(27)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (29)..(29)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (31)..(31)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (36)..(36)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (43)..(43)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (58)..(59)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (81)..(81)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (85)..(85)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (87)..(88)
<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (90)..(92)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (95)..(96)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (105)..(105)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (109)..(109)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (120)..(120)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (154)..(156)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (167)..(167)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (169)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (179)..(179)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (183)..(183)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(187)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(203)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (235)..(236)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (246)..(247)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (250)..(250)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(331)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (335)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (347)..(347)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (349)..(349)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (353)..(353)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (362)..(362)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (365)..(365)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (388)..(388)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (395)..(395)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (405)..(405)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (407)..(407)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (412)..(412)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (416)..(416)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (429)..(429)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (435)..(435)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (444)..(444)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (475)..(475)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (481)..(481)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (485)..(485)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (488)..(488)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (505)..(507)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (525)..(525)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (528)..(528)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (532)..(532)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (534)..(535)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (543)..(543)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (551)..(553)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (555)..(555)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (561)..(561)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (568)..(568)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (573)..(573)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (584)..(584)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (589)..(589)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (598)..(598)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (605)..(605)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (612)..(612)

<223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (618)..(618)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (633)..(633)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (647)..(647)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (653)..(654)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (664)..(664)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (679)..(679)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (689)..(689)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (695)..(695)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (698)..(698)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (711)..(711)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (720)..(720)
<223> n is a, c, g, or t

<400> 52	
atatgacctg cgnnacanacn cnctaanang ngactngtta aanacnttcc gtggaatnna	60
ctcagactgc aaantgtnat nctgncnnan nntgnggact gtcngncng atttnnngcn	120
tgnaatacta ttgcctctta tatacacnac caannntgcg aagggcnann nnacctttnc	180
cantnnnctg gggnccccacn nnnngngaact gagagtggat cttgtgtacc tgacnnacca	240

SEQ LST.TXT

gntntnnagn agggcgctca ctctgattgg tgcacatgg ttacacagtg tgtgcaaaga	300
ccngnctatc tcaactganga tgattgncag ngccnntggg tggcacnang ggnactgatg	360
ancancactg accctgccga cgccagangc cgcanatccg gagantncat gngacnatat	420
aggttacnc cttcnaccgg gcancaatct gcttctatgg tgaatgcaga ccatntagaa	480
ntctntcnc atagggcatga ttttnnnncag tgcgtcagcc ttganaanga ancnnacttt	540
tgntagatga nnnngntgctc ncccttgngg ctnacaaatt ccancaccnt tgggtggcngc	600
agccnttaag ancacttntt ttgggttgcg ctnttgatg aattacnaat agnntgtttt	660
gttncaaggc ccttctgcna aatatgaana aaagngcnc tagctttttg ngggaactgn	720
actggaaatt ttg	733

<210> 53
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (37)..(37)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(45)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (50)..(50)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(70)

SEQ LST.TXT

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (74)..(74)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (80)..(80)

<223> n is a, c, g, or t

<400> 53

gatcagacaa gancntgggtc cacagcgggg cgagagntct cnannctgcn ggggagnnnc 60

caagtacgcn agcncctgaan ctaaagcaag caagaaaaag 100

<210> 54

<211> 515

<212> DNA

<213> Human

<400> 54

atatggcaag gataacccct atacttctgc ataatagaatt aactaaaata acttgcaagg 60

agagccaagc taaacccccg ataccgacga gtaccagaac aggtaagcac cccgtctatg 120

tagatatggg aagattatag gaggcgacaa ctaccgagcc tggatgtagc tgggtgtccaa 180

gaagagtctt agttcattta tttggcccag aaccctctaa tccccttgta atttatgtca 240

agaggaacag ctctttggac actggaaaac cgtgagagag taagatttac acccttaggg 300

gcctaatagc agccaccatt aagaaagcgt tcgctccaca cccactacct aaaaatcgaa 360

tataactgac tcctcacacc caattggcca atcattcccc tataaaagaa ctatgttagt 420

ataagtaacc tgaaaacatt ctctctgca taagccctgc gttggattat atcctgcact 480

gacaattaac tgccccaata tctacaatcc aaccc 515

<210> 55

<211> 176

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (5)..(5)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (32)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (40)..(40)

<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (60)..(60)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (62)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(155)
 <223> n is a, c, g, or t

<400> 55
 tgtnaggat caaattataa tattgaaata anaacagctn acatttatat agcatgtttn 60
 cntatctcaa ctaatnataa atgggaaaaat gggcaactgg gcaggcngaa cccagagggga 120
 agcctgcccct cattagacca agacagcaag gtttncctg gtcactagat gaaatt 176

<210> 56
 <211> 317
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<400> 56
 cagnagtgat gttgcaatat ctggaactag caaaggatac tgatgagaaa acgtggaatc 60
 atgtgggatg tgacctccta ggactcacct tgcacagctg ggtgcagcag ggataggtaa 120
 ggatttgggg tttagaggta caattgcctt tttatgggta gagaaagggtc ctggggctgg 180
 agggagcctg acgatctgct ctgtgtgcaa ggggagagtt aactctgcac gcaagagcct 240
 gcttaaaggg ctgtgtcagt tctattgtaa acaccaactt aaagtgggtgg atgctggcag 300
 acattgttat tgccatt 317

<210> 57
 <211> 209
 <212> DNA
 <213> Human

SEQ LST.TXT

<400> 57
ctcatacacc tgtggctact gttttctaca gagtgccaaa actattcgag agaataaggct 60
ctggactgga cactgtatac ccacatgcaa gatgaagttg gccccttaca tcctatacgc 120
aggagaattg cgtcatttaa agcctgttga cgcttttctc ccgcagacga atggaaagat 180
taattgggag tgggggctga aacaattcg 209

<210> 58
<211> 262
<212> DNA
<213> Human

<400> 58
aattttgctg ttacatgggtg gctcaactga gtcccatact ttgaaggccg ggagttaatc 60
acctggtcac cgagttgcga accagcctcc aatatgtgga accctgtact ctctaaaaat 120
caaatcaccg gcatggagat tgcgcctgtg gtcccaaaat actcgggctg ggacacgatg 180
agttgcttgg cccaaggaag gaggggttga tggctgatca cactgggtccg cctgggtgac 240
agagcgagac tccatctcta at 262

<210> 59
<211> 430
<212> DNA
<213> Human

<400> 59
gtcagtttat ttctgactag ggatattttc tttccattta gaaaagaaga aaaaaaaaaa 60
aaacctttat tgtcttacag gggggaacta gcgcggggct gaataaaacc tttggccctt 120
cccgggggag gggtatccgg tttataaacc ccaaggggtat tttcttagca aaataacttaa 180
aaccggcccg ggtttttata caaactggga acccactttt gaaaaatttt ggccttttga 240
tctgggatgg gaatatgagt ttttatacat ttcattttct ttttgggcaa aggcccgggt 300
aagtattccc ccccgggggg cctttacaaa aagggcggtt ttaaaagctt ttgggcccc 360
ctaggggaatt gttttaacac ctaaaaaccc ctgcttcct taaaggggcg ttctttaatt 420
tgggggcggc 430

<210> 60
<211> 350
<212> DNA
<213> Human

<400> 60
aaaccttct aactatatat cacaataacc tgcgcataag atttacgctc cgatcttttc 60
atcctactag cttggaggat ttgaaccgat tatgaatacg caatactccc ggtcctcatg 120
tatcatgtgt aagcccatct cctgggaggg ctaacatact accatctcca aggagaggca 180

SEQ LST.TXT

tgattccgaa tcacccacag acagctcgat caccatacgt atcacccaac atatatacct	240
tctaagactt gctagaaaca accaccacat ttgatgctta atcaccactc tgacgcgcat	300
taaagtgagg ggactctcct aatttctgta agttgatttt tgcatttctga	350

<210> 61
 <211> 515
 <212> DNA
 <213> Human

<400> 61	
cacataaatt ctccataagt taattagtga ttttaacatg atctcaatat aaacatagca	60
cacttttcttt gagaattcaa catattgcaa gttaaaattt tcatagacta cacaagaaa	120
aataatcagg caaatcctta agaataaggg caattaagga tgactagccc tacaagattt	180
taaaaaggat tcattagtgtt aaaaaatgtg atgtagatac atgaataaaa taaaatcttg	240
aagtagatcc aaatatacat ggtagattg aatacaataa agatggcatc gtagcagtgg	300
agaaaagaag aattatttca taaaccttgt tggaatggct aggcaatcat ctggaaaaaa	360
atgaagtgtga ataataaaaa tatattctac actagcacia attataaata aagcagtgtat	420
ttaaattgaga aaaattaaat cataatgatt tcaaagataa cataggataa tttctttata	480
gtcttctaaa atatattgact ttatgaattc tgact	515

<210> 62
 <211> 611
 <212> DNA
 <213> Human

<400> 62	
caagtacttt accaactaag ccaatcttgt cccagccag gcatttctat acaaagggcc	60
aagacttttg ttttataaat aaggaggtat atataaatta tatatatattc tgagctgagt	120
aataatccac cagatacaag ttgcatcaa cttctgtgaa atattttttt tcctttttgt	180
tgggcatttt tatgggtctaa atatagaatg accaatgcct ctagaacaaa cttgacctgg	240
tcagtgttat caagaagcag actgtttctt actttctttg tatttcctta cttatttaaa	300
tttgttaaaa ttgatataat gatataaaa acttcttttg ccagtgttgg tggcacacgc	360
ctttaatccc agcacttagg aggcagaggc aggggtggatt tctgaatttg agggcaggct	420
agtctacaga gcaagttcca ggtagccaa ggctatatat agaaactctg gcatgaaaaa	480
ccaaccaaac caaaccaaac caaacagac cagaccagac cagaccagac caaaccaaac	540
caaacagac taaaccaaac caaacagac cagaccagac cagaccagac cagaccagac	600
cagaccaaac t	611

<210> 63
 <211> 291

SEQ LST.TXT

<212> DNA

<213> Human

<400> 63

```

ccgagagatt ggccactgct taaactcatg cagctcctac tgttcttcaa ttaatgcctt    60
taatgcgaat atacttcctc ttctttttgc atggctcttg ccagcctctg caatactgat    120
gaacacatgc tgaagatcat ctaactcaat atggcgcata tttctatgtc ttgctgcca    180
ggacatagga caacttcgtc gctcactagt tctaacatat taatgctggc gtaggtggag    240
aactactgca catatactct tactcggagg ctgaggcacg aggatcactt g                291

```

<210> 64

<211> 309

<212> DNA

<213> Human

<400> 64

```

gccagatgcc gtgtttcctc gatgaactct ttacatcatt ggctattcag tggagtgttt    60
cattatcacc tctcactctc gcgtgttacc taactctccc tcgcagggga aatcactcca    120
tatatttcaa atgtcttgct aacagtgggt actttgctct atccttagct atacgtctcg    180
aggcacattg ttcctctatg ccccgctacg ctttgcccta gagctcggcg gtatctatat    240
cttaactgcc ctcttgatcc ttacgtgccg gagaaggtag aggcagaaat tttgtcaaat    300
ctgattaga                                     309

```

<210> 65

<211> 278

<212> DNA

<213> Human

<400> 65

```

tagaatggaa tggagtcgaa tgtgatggaa tggacgcgaa tggaatggaa tggactcgaa    60
tggaataaag tggaatagac tcgaatggaa tggaatgcaa tggaatggac tcgaatggaa    120
agggatggaa tggactcgaa gggaatggaa tggaatggat tcgaatggaa aggaatggaa    180
tggactcaaa aggaatggaa tggaatggac tcaaattggaa tggactcgaa ttgaatgaaa    240
tgtaatggaa tagactcgaa tggaatggaa cgaaattt                278

```

<210> 66

<211> 142

<212> DNA

<213> Human

<400> 66

```

agttctcctt aggttaatta atggaatgca atcccaatga aaatgtcacc aaagttgttt    60
tttttttaac tgtaggaggt ttataataat gctcatatgg aaaaataaaa catgtaaaaa    120
atagctagta aactccccct gt                                     142

```

SEQ LST.TXT

<210> 67
<211> 286
<212> DNA
<213> Human

<400> 67
atatctgcc a tcctcatcgg ccaatcgtgt tat ttttgatg acgaatgctt cggagattgg 60
aaagatgatc tcctcatgct tccatgcact gcgagtagaa gacatactga gcatagtgtg 120
attat ttttcc caacaaattg gcattcatag atagaataag ctgactaaga ctacttagcc 180
ccacat tttt tttctacttg c tccaatagca ctaacaaata ggaagctctt gcttgctccc 240
caaagctcca tttccttgaa agcagaagtg taatattact tcttag 286

<210> 68
<211> 179
<212> DNA
<213> Human

<400> 68
atctact tttt tattcttttg ataaatgttt atgaaatata aaatactgaa aattagaaaag 60
tagaagtc at tttttatta taaaacatgt ggattagata ttttcattta tgtgattaaa 120
ctttctaaac aaagattata tgaattatct taaagattta aaaagtaatt aagttaa at 179

<210> 69
<211> 390
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (356)..(356)
<223> n is a, c, g, or t

<400> 69
cagataagac tattaagaca gataagagcc aaatcatgta gagcctcaga gg ttttttgat 60
cttcagtcta agaacgtaaa tccatggaag aattttaagc aggggtgtgc cttgaccaca 120
ttttgaattc taaactgtct ctgggtgggt gtgggtgcc ccaagagcat gtgttcatgt 180
agggagactg gttttttaca gttgtctatg agagagatga cagttgcctg gattatgggtg 240
gtgacattgg agataagcag gtagacagat tctcagtgt ttaggagaga aaaatcaata 300
ggaaatttaa aataaataat taactgtggc cataggagga aggagtctt gggttnggtt 360
ctcaatttct gcatgagaaa aaagggtggac 390

<210> 70
<211> 481
<212> DNA
<213> Human

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> n is a, c, g, or t

<400> 70
 atgatgaaat gatgagatga aatgcntgag atgagatgtg atgaaatgat gatatgaaat 60
 gatgacataa aatgagatga aatgagatgt aatgatggaa tgagatgaga tgaaatgaga 120
 tgaaatgata gatgagataa aatgatgata tgaaatgatg agatgaatga tgagatgatg 180
 agatgaatga tgaaatgaaa tgatgagatg agatgatgaa atgaaatggt gagatgaaat 240
 gatgagatga aatgaaatag tgaaatgaaa ttgaaataaa atcgaaatga gagatgaaat 300
 gatgagatga tgaaattgat gaaatgatga gatgtgatga gatgaaatga tgagatgaga 360
 tgagatgaca tgaaataatg aaatgaaatt gaaatgagat aagatacgag ctgagatgca 420
 atgagatgaa atgatgagat gaaatgaaat agtgaaatga aattgaaata aaatcgaaat 480
 g 481

<210> 71
 <211> 125
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (45)..(45)
 <223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (77)..(77)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (100)..(100)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<400> 71
cggtngcaat tggggggccnc atacgcgcng acgagtantg gncangctnc ttgactacac 60
ngacgcgccg tacaggntna attatgggnan cttacatggn aaagggggcan ctcaatgtcc 120
cacag 125

<210> 72
<211> 473
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (151)..(151)
<223> n is a, c, g, or t

<400> 72
gaaatgaaat aatgaaatga gatgaaataa cgaaataaaa ttgaaatgag atgagaggaa 60
atgagatgaa atgttgaaaa gaaaggagga aatgatgagg tgagatgaaa tgatgagatg 120

SEQ LST.TXT

aaatgaatct gagatgaaat gagatgaaaa ntgatacgaa aaatgatata aaaaatatga	180
cctgagatga aatgagatga aaaatgatac gaaaaatgat ataaaaaata tgacatgaaa	240
tgaaatgaga tgatatgaaa tgacataatg aaatgatgaa ttgatgatat tgaaatgaaa	300
ttgaaagatg agatgaaatg atgagatgaa atgaaatgtt gaaatgatga agagatgtga	360
catgaaatga gctgaaatga gatgaaatga aatgagatta aatgatgaga tgaaaaatga	420
tgagatgaaa aatgagatga gatgatgaga tgagatgaga tgaattgaga tga	473

<210> 73
 <211> 500
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (16)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(233)
 <223> n is a, c, g, or t

<400> 73 aatgagnatg aaaagnatga aatgatgaga tgaaatgaaa tgatgagatg aaatgaggtg	60
aaatgaaatt agatgaaatg taatgagatg aaatgaaatg acctaataa atgaaataat	120
gaaatgagat gaaataaaat aatgaaatga tgaaataatg aaatgaaaat gagatggaaa	180
tgatgagatg agaagaaatg atgagatgaa atgatgaaat gatgagatga ganaaaatga	240
gatgaaatga tgagatgaga tgaaatatga tgagttgaaa tgacataatg aatgaaatga	300
tgaaatggaa taatgaaatg gaaatgatga gctgagatgc aatgagttga aatgagatga	360
aatgatgaaa tgatgagatg aaatgatgaa atgaaataat gaaatgagat gaaataaaat	420
aatgaaatga tgaaataatg aaatgaaaat gaaatggaaa tgatgagatg agaagaaatg	480
atgagatgaa atgatgaaat	500

<210> 74
 <211> 299
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (31)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (57)..(57)

<223> n is a, c, g, or t

<400> 74

ggaaatcctg aagtggaaat gatgagctga nntgcaatga gttgaaatga gatgaancga 60

tgaaatgatg agatgaaatg atgagatgag atgtgatgaa atgatgatat gaaatgatga 120

cataaaatga gatgaaatga gatgtaatga tggaatgaga tgagatgaaa tgagatgaaa 180

tgatagatga gataaaatga tgatatgaaa tgatgagatg aatgatgaga tgatgagatg 240

aatgatgaaa tgaaatgatg agatgagatg atgaaatgaa atggtgagat gaaatgatg 299

<210> 75

<211> 155

<212> DNA

<213> Human

<400> 75

agtgaaatga aattgaaata aaatcgaaat gagatgagat gaaatgatga gatgatgaaa 60

taaaatgatg aaatgatgag gtgatgagat gaaatgatga gatgaaatga tgagatgaga 120

tgagatgaca tgaaataatg aaacgaaatt gaaat 155

<210> 76

<211> 367

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (11)..(11)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (35)..(35)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (37)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (43)..(43)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (56)..(56)

<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (75)..(75)
 <223> n is a, c, g, or t

<400> 76
 atagcaaaag ngggtaaaac ccctgagttt gcganannag tantcttgta ggggcnaact 60
 ctacttnaga ngaantcctc gcaaaatcct tgaatcaccg cttcagtgca gtgatatacac 120
 cgccatgaaa tttctgctcg attagcttac gttgtttgga tagaggccaa acaaggctgt 180
 tatcggtacg aggaatggat gttcgatttc gtagaatacg cctgagagac ggcgaatact 240
 ctcacgagag gcagcaggcg cgtaaattac ccaattacaa caagtagagg tagcgaagga 300
 aaatatgagg ggtggcaagg ttttgccctgt tacattctca aatggaagca aattagatat 360
 gtcattg 367

<210> 77
 <211> 257
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 77
 actagnacag naatttttagc taagtggagt ttgagttaag tggagatgtg agaccatctc 60
 atagaaatca ttatttctgt gggatggata attgggccaa attgtaaaat attttaacta 120
 tcagtgtttg gggtttattt ttaaaagaat aggggtgccac cagatgttct ttagtggagg 180
 agaaatgagg ccagagtgcac tgcctagaaa attaagttgg taaattaatc acttttttct 240
 aggtcctttc ttagtct 257

<210> 78
 <211> 373
 <212> DNA
 <213> Human

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (24)..(24)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (31)..(31)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (53)..(53)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(62)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (66)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (92)..(92)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (109)..(109)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(115)
<223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (146)..(146)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (153)..(153)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (166)..(166)
<223> n is a, c, g, or t

<400> 78
ctttaaaaac ntgtagacn aacnttaaaa nttaccnntt ttcctgaact gantcctggg 60
nntaantaaa aaggggtgaag aannttactt cncttggtcc taaaaaacnt tttcntcagt 120
tattaccaaa atatttggac cattantaaa gantagggcc aaccnaatt tttcttgaaa 180
tttccgttaa atagccgtta aatgttttta cccatttcatt attggatacc ttaaattata 240
ataatggatt ttattgttaa attgtgtgtg tgtgggtgtg atgccctgtc ttttctcctc 300
taccattatt gtcactttat gtttggaaacc ccctttaccc ttccttaaaag gaaaaaaagg 360
gcccgggggtt ttt 373

<210> 79
<211> 128
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (29)..(30)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (35)..(35)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQ LST.TXT

<222> (92)..(92)
 <223> n is a, c, g, or t

<400> 79
 tcctagtaan ctggtttacn ctgaaagann aagangcctc ccctgttcnc tgaaataacca 60
 ccttgatggt caagtattta agaccctatg cnaatatttt ttaccttttc taataaacca 120
 tgtttggt 128

<210> 80
 <211> 213
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (105)..(105)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (127)..(127)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (142)..(142)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (147)..(147)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (161)..(161)
 <223> n is a, c, g, or t

<220>

SEQ LST.TXT

<221> misc_feature
<222> (166)..(167)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (171)..(171)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (180)..(180)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(206)
<223> n is a, c, g, or t

<400> 80
cccattggna cagacccccca aaatgggtac attttttagg aaaccaggac ctttccaagg 60
ggccaggcct tcccttttaa aaaaaatnac cgtttttngg gggangnaac ctttaaaagg 120
ggaaaanaaa tcctttttta anggaantcc aagggaagga ncctgnncaa nacttcccn 180
ccaataaaaa aaacnntttt ggaaangggg aaa 213

<210> 81
<211> 443
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (22)..(22)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (33)..(34)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (39)..(39)
<223> n is a, c, g, or t

<400> 81
gaaatgagat gaaaccatga gnatgaaatg aannaatgnc atgcaaatga tgagatgaaa 60
tgatgaaatg agatgagatg agaagaaatg acttgatgag atgagataaaa atgatgaaat 120
gaaatgaagt gaaatgaaat tgaaatgaga tgagatgaaa tgagataaaa tgatgagatg 180
aaatgagaag aaatgagatg aaatgatgaa atgatgagat gagatgaaaa atgatgggat 240

SEQ LST.TXT

gagaaatgag atgaaatgat gggatgaaat gaaatgaaat aatgaaataa tgaaatgaaa	300
tgaattgata atattgaagt gaaattgaaa gatgagattg gatgaaatga tgagatgaaa	360
tgaaatgttg aaatgaaatg aagagatgta acatgaaatg agctgaaatg atgagatgaa	420
atgaaatgaa atgagattaa atg	443

<210> 82
 <211> 442
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (16)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (33)..(33)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (46)..(47)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (78)..(78)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (82)..(83)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (121)..(121)
 <223> n is a, c, g, or t

<400> 82 tggcccggga acntcnaact gcccatcctg ganttttggg ggggannctt taaaaaacct	60
gacctctgaa tgtattantg anncaagtga tagccaagat attttgaaga aaaatagata	120
ntagggacct gctctataag cccatcataa tttattatga agttataaca agtaaaacag	180
taaggatattt ggcatggaat agagaaccca gaaacagacc caatgcatgg gtacaggata	240
taacacaggg aaatgagggg caatatatgg ttctggggata attatttata tggggaaaat	300
aaagaaattg gatccctacc tcacacatac aaaaaaaatc ataattgaat taaaaacttg	360

SEQ LST.TXT

catgtgaaag gaaagacttt aaaacattta gaaaaagtat tggaggctat gatcttgggg	420
taggaaagca tttctttttt tt	442

<210> 83
 <211> 135
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, c, g, or t

<400> 83	
gtctaacnta aaaagtaaag aaagtaaagt aaaggnttga aggaaggaag gaaggaagga	60
aggagggaaa agaaagaaaag gaaggaagga aggaaaagaa agaaagaaaag gaaggaagga	120
aggaaggaag gaagg	135

<210> 84
 <211> 346
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (30)..(30)
 <223> n is a, c, g, or t

<400> 84	
ggaggaggaa gagtgatgag ttctctaata acttggttgg attagcctta gagttatcgg	60
gagttgcctt ctgtaagtgc ccctactatc aaggtttcat ggaaaatcta ggcaaggcag	120
aacttcctca gaaggacaag agacaaaagaa gtggggggagg ccctcctatc catagctgag	180
agggtttatt ctttgtgggt ctgctgtcag agcctttgga tgtctgatct gagatggagc	240
aacccagct agacagaact ttgtagattt tgggggggtt aaaaggcctc aagcaaattc	300
taaaactttc tttgaacccc ctggcatagg ctcagtttcc ctgact	346

<210> 85
 <211> 100
 <212> DNA
 <213> Human

<400> 85	
acaaaaagcc cctttaaact tgggcccgcg cgaggctcgtt tcgactgggc cgagacttcc	60

SEQ LST.TXT

gaaaagaaaa tggttttttt tgccgaaatc aaccgggtaa 100

<210> 86
 <211> 201
 <212> DNA
 <213> Human

<400> 86
 ttcataacat cgtcattttg ggttatgcga aatacaaatt taaatctttg tgaaatgaaa 60
 gaaaagagga agaaacgctt tttaggagtt aaggattaaa gtaaaaatta ttttgacata 120
 attacctctt tttgtgacca ctcttaaagg ccaggaacat atttggagaa gcctagttgt 180
 atgtaacagt gtggggtttc a 201

<210> 87
 <211> 531
 <212> DNA
 <213> Human

<400> 87
 tatagcgggc gttataaaca taccacttcc cggtagaacg gatttcaagg ttaggggtgc 60
 aaccagaaac gaacgcgtta agtgcgcgtt atcttcctag gatagagtcg gtgacgggaa 120
 tcttttacct cggcactcgg gtccaccctc gcggcaccag aggtattctc cggcgagtcg 180
 ttaaccatcg caatcgccga ccgagttaa ggaccactcc ccaccttct cattagttaa 240
 ggagaacgct actttacccc atagacggag aaatcgctac tcaactacca ggcgcgcgcc 300
 gtcgagtcct tcttcctctc tttatgcatt tagagcgctt tcgtaagagt tttccctaga 360
 ttcttctaag cgtagcgcgt ctactccaat gttttcgta atccagcccg aactaacgcc 420
 gcggaggagt cgatccgtct actcctatcc cgtcggctcg gatttactac aggagctaag 480
 aaaacaaaaa gtaccagccc taaaggaaag tcaaaggacg cccgtaaaaa a 531

<210> 88
 <211> 530
 <212> DNA
 <213> Human

<400> 88
 aatctcgatc gcaaacatac ggcactctcc ctcttgccgc ggttttcgtc cagcgctttc 60
 cattcgggtcc agtgcctcgc cctattagcc cttagccca ccgtttctaa aactcccaga 120
 acagccaaac cgggccgccc aaggcctccg tcgttttata atatattccg tttacgtata 180
 aggaacgaac ccccttcat taccacggtc ccgcgtccgc ctcttctcc attcgcaaca 240
 gttctattcc tttcagcctc ccgtacctgc ttccagaaca tcgcaccgcc atagtcgaaa 300
 gatagcaaaag attaccagc ttctattcct cgccccagag ccgagtaaatt cgaagtttat 360
 agaggcggaa tccaaccatt caagagttat aacaagttat cggcactcgg gggatcagaa 420

SEQ LST.TXT

tataaactta atgtccccctt tattctccccg gacgccccctt ttaaccactt cttcctatct 480
ttcgctaaca agccattgac ggcgcctttgc cgcgcggggcc catctcgcgt 530

<210> 89
<211> 332
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (37)..(37)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (108)..(108)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (112)..(112)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (134)..(134)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(152)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (168)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (239)..(239)
<223> n is a, c, g, or t

<400> 89
ccatttatgg gccgggggata tacccacatg gtacagnaca ttacatnttt atggcaccat 60

SEQ LST.TXT

ttccaccggc ctggttttgg tttttccata attaatattac cagggggncc anttaaaaaa	120
aattaaggna aggnnttaaaa aatttaacca anggggggtt taaagggntt ttttttttta	180
aaaaaaaaagg ttaaancccc cccttttttt ttgggttggg gtgggaaaat tttgggaanc	240
cttaaccccc gggtttttgg gtttttttgg ccaaaccccc ccggaaaaaa attaaaaaaa	300
ggaccggttt ccattttaat gggatttggg aa	332

<210> 90
 <211> 185
 <212> DNA
 <213> Human

<400> 90 actgctataa tgcaggggaa catgttctca gggcatcct gaggggttgt gtcattggggc	60
cggtggtaac tattaataca taagttaaat cggtatttaa aatttttaaaa tcaaaaaaaaa	120
taaaatatat gcaaccctcc attccaagga agtatgatgt tactagatta tctgaaaatt	180
ctcct	185

<210> 91
 <211> 365
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (326)..(326)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (338)..(339)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (344)..(344)
 <223> n is a, c, g, or t

<400> 91 ccagagagcc acaaatgacc aaaatatatt gagatgaaca tgctcgtaga aggtagctga	60
ctagggggta cttgaaaatg ctagaccagg ataactccta agtgtatatc cttggcagac	120
tcgttatgct ttccaatcct gcttgcaata taagacacaa agtcagaata aagctcaaga	180
aaacagaacg tgcaggccat caagcgcaga gcctgctcat tggacaaccg caaagagtag	240
taagtgtgct cgctattcac acttagaaaa ggagaaccac ggggaaaaac caaattaatg	300
gggctgcttt ttgtcactct ggcatnagag aattgtgnng aaantttaac ttttgtaagc	360
ttgta	365

SEQ LST.TXT

<210> 92
 <211> 113
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (34)..(34)
 <223> n is a, c, g, or t

<400> 92
 acttgacctt atggatgatg ctgcggagtg cntngtaagt gtttcatgat attccttaag 60
 aagtcaggat agtagttttc attccttaga tgggtacaagt gttgagacaa atg 113

<210> 93
 <211> 210
 <212> DNA
 <213> Human

<400> 93
 gtttttaggga aatttgccag ttttatgttt taatatTTTT ggaaggaaaa ctgaaaggta 60
 atgaaaaatgt tactgttgga ttaaaaaaca aattaagtcc aaatagtgat taggcaagtt 120
 ggtgaggtag ggggttgctg caagagcgga agttgaaaga tcttggaataa attaaagaaa 180
 cttcatagaa ccccatctct acaccaaaaaa 210

<210> 94
 <211> 506
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (59)..(59)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (66)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (70)..(70)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (80)..(80)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(92)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (112)..(113)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (126)..(126)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (133)..(136)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(152)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (156)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (162)..(162)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (164)..(165)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (174)..(174)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (178)..(178)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (181)..(181)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(187)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (190)..(191)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (206)..(206)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (227)..(227)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (231)..(231)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (235)..(235)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (247)..(247)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (251)..(251)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (255)..(255)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(258)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (260)..(261)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (263)..(263)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (273)..(276)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (285)..(285)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (287)..(287)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (291)..(292)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (302)..(302)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (305)..(306)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (311)..(311)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (318)..(319)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (321)..(321)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (327)..(329)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (333)..(333)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (348)..(349)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (352)..(352)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (357)..(357)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (363)..(363)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (366)..(367)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (369)..(369)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (371)..(371)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (376)..(377)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (385)..(385)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (390)..(390)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (398)..(398)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (401)..(401)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (405)..(405)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (420)..(420)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (429)..(429)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (437)..(437)
<223> n is a, c, g, or t

SEQ LST.TXT

<220>
 <221> misc_feature
 <222> (440)..(440)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (442)..(443)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (453)..(453)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (455)..(456)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (473)..(474)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (477)..(477)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (481)..(481)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (487)..(488)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (495)..(497)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (500)..(500)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (502)..(502)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (506)..(506)
 <223> n is a, c, g, or t

<400> 94
 ttggnnggggg ggcgagatcc tactngagac ccttgatnnt gggnanggac cgaagatcna 60
 Page 90

SEQ LST.TXT

ttaganaccn atgngatggn cnnncnaaan nnttaaagtg agagtccatc tnngaanaaa	120
atgggnaant ttnnnngggg ggggggaaaa ancccnnggg tnannggggg cccngggntt	180
naaannggn nctngggggg ggaaantttt ggcccccccc cgggggnttt ncctnaaaaa	240
aaanccnttt naaanacngn nanaattttt ccnnnncggg gaggnngnga nntttttttt	300
tnaannagcc ntttttgnaa naaaaaannnt ggnccccccc ctattccnng gnttttngga	360
ccnttnnanc ntgggnnttt ttagnccttn aaaaaaangc naatnttaag gtaaaaattn	420
ggggggggng gggggnggn gnnttttttt ttntnnggag gggttttttt ccnncgnggg	480
ngaaagnntg gggcnnnctn cngccn	506

<210> 95
 <211> 400
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (40)..(40)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (48)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (51)..(51)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (91)..(91)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (95)..(95)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (99)..(99)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (111)..(111)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(116)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(118)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(124)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (126)..(126)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (131)..(131)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (133)..(133)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQ LST.TXT

<222> (135)..(135)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (153)..(153)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (170)..(170)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (173)..(173)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (175)..(175)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(177)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (192)..(192)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (198)..(198)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(201)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (211)..(212)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (219)..(219)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (222)..(223)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (231)..(231)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (240)..(240)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (243)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (249)..(249)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (255)..(255)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (269)..(269)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(283)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (289)..(289)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)

SEQ LST.TXT

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (324)..(324)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (326)..(326)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (341)..(341)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (348)..(348)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (350)..(350)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (354)..(355)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (367)..(367)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (383)..(384)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (391)..(391)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (398)..(398)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (400)..(400)

<223> n is a, c, g, or t

<400> 95

catgaaggaa naagcctgta ctanctgccg gtatccatgn taatctgnng ngatgtcagc 60

agaccagct nagcagatan ctncatttct ntctnaagnc ctttggctctg naggnngnca 120

ntnnanctnc ngntnaacat cacagctnct ccnagcatca ccctgctagn tancngnggg 180

SEQ LST.TXT

ttttctctta tntgnngncn naacatctgc nngctctgnt annaanaatt ncataccgcn	240
canngtctnt gacgntgtga tgcatacgnt tgggcagagn gancaatang tgngcatatg	300
cgtgccttac ncaaggatac ggangngctt gaaattgatg ngaccaanan tttnggtacg	360
gtaagnnacc caaccacttc tgnnttcact ntaagagncn	400

<210> 96
 <211> 800
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (171)..(171)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (622)..(622)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (628)..(628)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (642)..(642)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (661)..(661)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (668)..(668)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (694)..(694)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (709)..(710)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (735)..(735)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

SEQ LST.TXT

<222> (751)..(752)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (763)..(763)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (778)..(778)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (782)..(782)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (786)..(786)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (788)..(788)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (798)..(798)
<223> n is a, c, g, or t

<400> 96	
gagatgaatg atgaaatgat gagatgagat gatgaaatga aatggtgaga tgaactgatg	60
aaatgaaatg aaataatgaa atgaaattga aataaaattg aaatgagatg agatgaaatg	120
atgagatgat gaaataaaat gatgaaatga gatgtgatga gatgaaatga ngagatgaaa	180
tgatgagatg agatgacatg aaataaatga aataatgaaa tcgaaatgag atgagaagat	240
acgagatgag atgaaatgat gagatgaaat gatgaaatga gataagatga aaagagttga	300
tgagatgatg agatgaaatg agatgaaaag agatgaaatg agatgaaatg aaatgatgag	360
atgaaatgag gtgaaatgaa attagatgaa acgtaatgag atgaaatgac ataatgaaat	420
gaaaaaatga aatgaaataa tgaaatgagg tgaaattaaa tgagatgatg aaattaaatg	480
atgaaatgaa ataatgaaat ggaaatgaaa tggaaatgat gagatgaatg atgagatgaa	540
atgatgagat gagatgtatt gatgagagga aatgatgaga tgtaatgaaa tgagatgaaa	600
tgaatgagat gaaatggaat antggaangg aaattgattg gngatttgag atgaaatgag	660
ntaaatgnga tgaattaatg atgagatgaa atgntgaatg ccggggtggn tgagatgaat	720
tgagttgaac cctgngatga atgaagattg nntgaatggt ggntgaatgt tgaatggntg	780
gntggnanaa tgcctgtngg	800

SEQ LST.TXT

<210> 97
 <211> 334
 <212> DNA
 <213> Human

<400> 97
 gatgaattga aatgaaatga aataatgaaa taatgaaatg agatgaaatg aaaagaaatg 60
 atgaaatgat attgaaatga aattgaaaaga tgagatgatg agatgaaatg gtgaaatggtt 120
 gaaatgaaat gatgaaatga atagatgtga catgaaatga gctgaaatga tgagatcaaa 180
 tgaaatgaaa tgagattaaa tgatgagatg aaaactgatg aaaacttaaa tgatgaaata 240
 atgaaatgaa aatgaaatgg aaatgatgag atgagaagaa atgatgagat gagatgagat 300
 aaaatgagat gaaatgatga gatgaaatga tgag 334

<210> 98
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<400> 98
 ttcaggccgt ctgcttntac atatactatc gagaatggtg ctgtgcactc ataacaccgt 60
 tgcttggtag acgcttttga acccttcagc gctgaaagta 100

<210> 99
 <211> 500
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (361)..(361)
 <223> n is a, c, g, or t

<400> 99
 cccgggantt cggcccttat ggccccgggga aatgatgaga tgaaatgatg aaatgagata 60
 agatgaaaag agttgatgag atgatgagat gaaatgagat gaaaagagat gaaatgagat 120
 gaaatgaaat gatgagatga aatgagggtga aatgaaatta gatgaaacgt aatgagatga 180
 aatgacctaa tgaaatgaaa aaatgaaatg aaataatgaa atgagggtgaa attaaatgag 240
 atgatgaaat taaatgatga aatgaaataa tgaaatggaa atgaaatgga aatgatgaga 300

SEQ LST.TXT

tgaatgatga gatgaaatga tgagatgaga tctaataatgatg agaggagatg atgagatgaa	360
ntgagatgaa aagagatgaa atgagatgaa accgaaatga tgagatgaaa tgagggtgaaa	420
tgaaattaga tgaaacgtaa tgagatgaaa tgacataatg aaatgaaaaa atgaaatgaa	480
ataatgaaat gaggtgaaat	500

<210> 100
 <211> 397
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (39)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (50)..(50)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (56)..(56)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(72)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (97)..(97)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (110)..(110)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (177)..(177)
 <223> n is a, c, g, or t

<400> 100	
ccccgggagtg ttaagttagg gggcctgccc ctttaagcnt agtcccacn tgaaanacac	60
tccccttgaa nntctctaaa ccttaacttt ctggccnttt tgtttcagan atgcctaacc	120
ctcaggggggt cttttgttct ctacgcctaa aaacttaatc tgtttggaac aattcctttt	180
cctctctgta gaaattgacc tggccatggc tcctgtgaat gatacggttg ctattatccc	240

SEQ LST.TXT

tgaacactgt aaaaatgaac tttgaaacag ttgggtagga cccaaacaga aaatgatgta 300
 tggccttgga atagtttagc tgaacattat gctttaatat tttactggcc attgcagcac 360
 aggttttagaa atttatgttc ggctttttaa agtttta 397

<210> 101
 <211> 132
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (121)..(121)
 <223> n is a, c, g, or t

<400> 101
 gttacctaat gttttactct cattttcttt ttctttatct ttcatttgta aaataggaac 60
 attaattgta ctactttcaa aagaattaat tgaagaaaga gagatacagg gtatctaggc 120
 ngaggaagac cc 132

<210> 102
 <211> 246
 <212> DNA
 <213> Human

<400> 102
 gggggcttta gttataactg ggctaagcat aattgcgcta ccaattccat attatctcat 60
 ggcacttaat tttataattg atatataataa taaaaaattc aatgcagata ttgatataat 120
 aaaaatagat aatggtaatc caagcacgat ggtagccatc actctaattg ctttgggggtt 180
 aacctataac ttattaagta aagtgccaga atgggttcttt gacagtatta aaattaaaga 240
 aaacag 246

<210> 103
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> forward primer of exon 1 of insulin gene used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(18)

<400> 103
 gccctctggg gacctgac 18

<210> 104

SEQ LST.TXT

<211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> reverse primer of exons 1 and 2 of insulin gene used for
 quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(18)

<400> 104
 cccacctgca ggtcctct

18

<210> 105
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> forward primer of β MyHC gene used for quantitative RT-PCR
 analysis

<220>
 <221> primer_bind
 <222> (1)..(24)

<400> 105
 gctggaacgt agagactccc tgct

24

<210> 106
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> reverse primer of β MyHC gene used for quantitative RT-PCR
 analysis

<220>
 <221> primer_bind
 <222> (1)..(24)

<400> 106
 ggatccttcc agatcatcca cttg

24

<210> 107
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> forward primer of ANF used for quantitative RT-PCR analysis

<220>

<221> primer_bind
<222> (1)..(20)

<400> 107
ggatttcaag aatttgctgg

20

<210> 108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer of ANF used for quantitative RT-PCR analysis

<220>
<221> primer_bind
<222> (1)..(20)

<400> 108
gcagatcgat cagaggagtc

20

<210> 109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer of APP used for quantitative RT-PCR analysis

<220>
<221> primer_bind
<222> (1)..(20)

<400> 109
ggatgcttca tgtgaacgtg

20

<210> 110
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer of APP used for quantitative RT-PCR analysis

<220>
<221> primer_bind
<222> (1)..(19)

<400> 110
tcattcacac cagcacatg

19

<210> 111
<211> 21
<212> DNA
<213> Artificial Sequence

SEQ LST.TXT

<220>
 <223> forward primer of ZFP used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(21)

<400> 111
 cacargagrc arggtcaacg a 21

<210> 112
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> reverse primer of ZFP used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(22)

<400> 112
 ggattaaaat gaagcaccca ga 22